

In the specification:

Page 1, line 30 - page 2, line 6, please amend the paragraphs as follows:

The closest as to the composition and the properties to this invention is a nitrogen-potash fertilizer containing urea and the potassium-containing component in the form of potassium chloride. The ratio of the components (in % by weight) is: $(\text{NH}_2)_2\text{CO}$ taken as N - (41.4 - 45.2) and KCl taken as K_2O - (1 - 5.94) (RU 2154621, C 05 D 1/00, 2000).

The method for producing the said fertilizer includes granulation of a produced mixture of urea and potassium chloride in a granulating tower; thus obtained granules are insufficiently robust, in the order of 600 g/granule.

One more disadvantage of the known fertilizer is that it comprises the potassium-containing component in the form of potassium chloride only. Furthermore, the chloride potassium content of that product is high low, which reduces its efficiency when being applied, e.g., for tobacco, ~~vegetables and potato~~ and palm cultures.

Page 2, lines 12-25, please amend the paragraphs as follows:

The stated objective is achieved owing to the fact that in the nitrogen-potash fertilizer, which comprises urea and a potassium-containing component, the latter is a mixture of potassium sulfate and potassium chloride at the following ratio of the components (in % by weight): $(\text{NH}_2)_2\text{CO}$ taken as N - (12 - 43), a mixture of K_2SO_4 and KCl taken as K_2O - (3 - 40).

Furthermore, the potassium chloride content of the mixture is selected in the range of ~~1 - 99.1 %~~ 0.1 - 99.9 % by weight.

Furthermore, the method of producing the nitrogen-potash fertilizer, including mixing 90% water solution of urea and a potassium component containing potassium sulfate and chloride ~~in form of a powder~~ taken in the quantity of 5 - 67 % by weight; further, the obtained pulp is granulated in a drum ~~granulator-drier (DGD)~~ at a temperature from 100° to 140°C, and the temperature lowering rate of the granulated product along the length of the drum is maintained in the range from 1.9 to 3.8°C/m of the drum length.

Page 3, line 13 - 26, please amend the paragraph as follows:

In accordance with this invention urea in the form of a 90% water urea solution is fed to a mixer in the quantity of 26.39 t/h, and a potassium-containing component, being a mixture of potassium sulfate and potassium chloride is fed to the mixer in the quantity of 1.25 t/h, which accounts for 5 % by weight of the

total quantity of the components in the mixer. The temperature of the potassium-containing component is from 60° to 70°C. The potassium chloride content of the potassium-containing components mixture is 99.9% by weight. Then the pulp is fed to granulation in a drum ~~granulator-drier (DGD)~~ having 4.5 m in diameter and 16 m in length. The speed of the drum ~~granulator-drier (DGD)~~ is 4.2 revolutions per minute. The temperature in the granulation zone is 135°C. The granulated product exiting the drum has the temperature from 70° to 75°C and contains N - 43.0% by weight, K₂O - 3.0% by weight, H₂O - 0.2% by weight. The biuret content is 0.7% by weight. The finished product exiting the drum ~~granulator-drier (DGD)~~ has the following gradation: 2-4 1-4 mm fraction - at least ~~95%~~ 90%, less than 1 mm fraction - up to 3%, more than 6 mm fraction - nil. The granule strength is 1200 g/granule. The average finished product output is 25 t/h. The temperature lowering rate of the granulated product along the length of the drum is 3.8° per 1 meter of the drum length.

Page 3, line 29- page 4, line 3, please amend the paragraph as follows:

urea Urea in the form of a 90% water urea solution is fed to a mixer in the quantity of 9.17 t/h, and a potassium-containing component, being a mixture of potassium sulfate and potassium chloride is fed to the mixer in the quantity of 16.75 t/h, which accounts for 67% by weight of the total quantity of the

components in the mixer. The potassium sulfate content of the potassium-containing components mixture is 99.9% by weight. The temperature in the granulation zone was 101°C. The granulated product exiting the drum contains N - 15.18% by weight, K₂O - 33.5% by weight. The temperature lowering rate of the granulated product along the length of the drum, when producing the fertilizer with the said composition, is taken as 1.9° per 1 meter of the drum length.

Page 4, line 6 - 14, please amend the paragraph as follows:

~~urea~~ Urea in the form of a 90% water urea solution is fed to a mixer in the quantity of 13.9 t/h, and a potassium-containing component, being a mixture of potassium sulfate and potassium chloride, is fed to the mixer in the quantity of 12.5 t/h, which accounts for 50% by weight of the total quantity of the components in the mixer. The potassium sulfate and potassium chloride content of the mixture is 50.0% each by weight. The temperature in the granulation zone is maintained at 105°C. The granulated product exiting the drum contains N - 23.0% by weight, K₂O - 27.5% by weight. The granule strength is ~~3690~~ 1190 g/granule. The biuret content is 0.69% by weight. The temperature lowering rate of the granulated product along the length of the drum is taken as 2.2° per 1 meter of the drum length.

Page 6, after the last line, please delete the following paragraph:

~~At present with tightening of ecological standards in respect of manufacturing certain agricultural products chlorides content in their compound is limited. The present invention at maintaining the necessary proportion, for example 1N — 1.5K₂O, makes it possible to reduce the content of chlorides, substances injurious to human organism, to 0,1%.~~